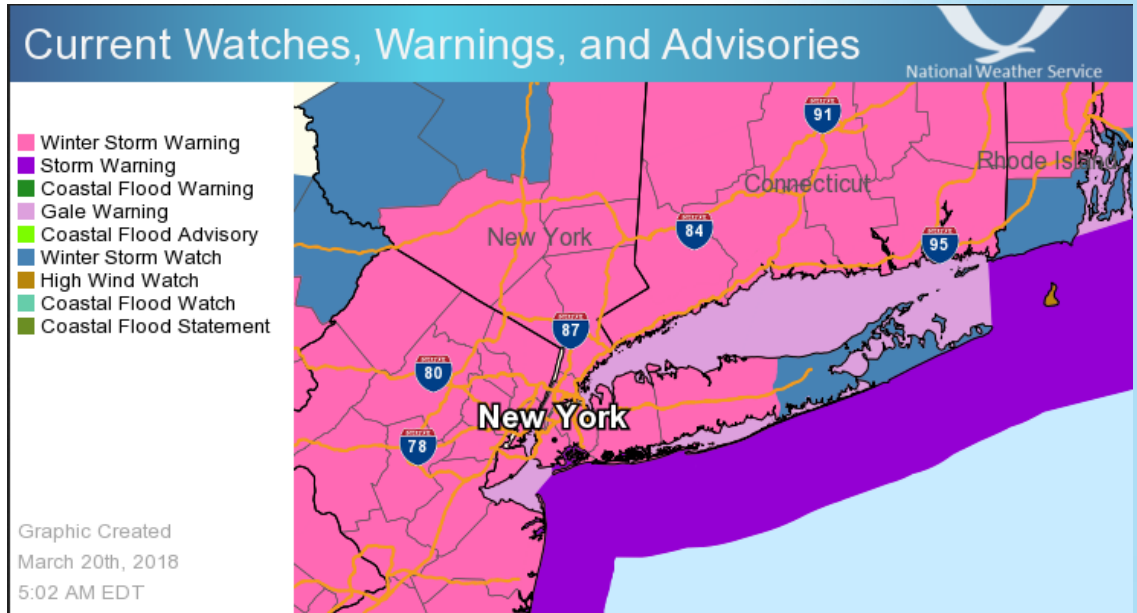


# Winter Storm Warning





**Decision Support Briefing #2**  
**As of: 5:00 AM Mar 20, 2018**



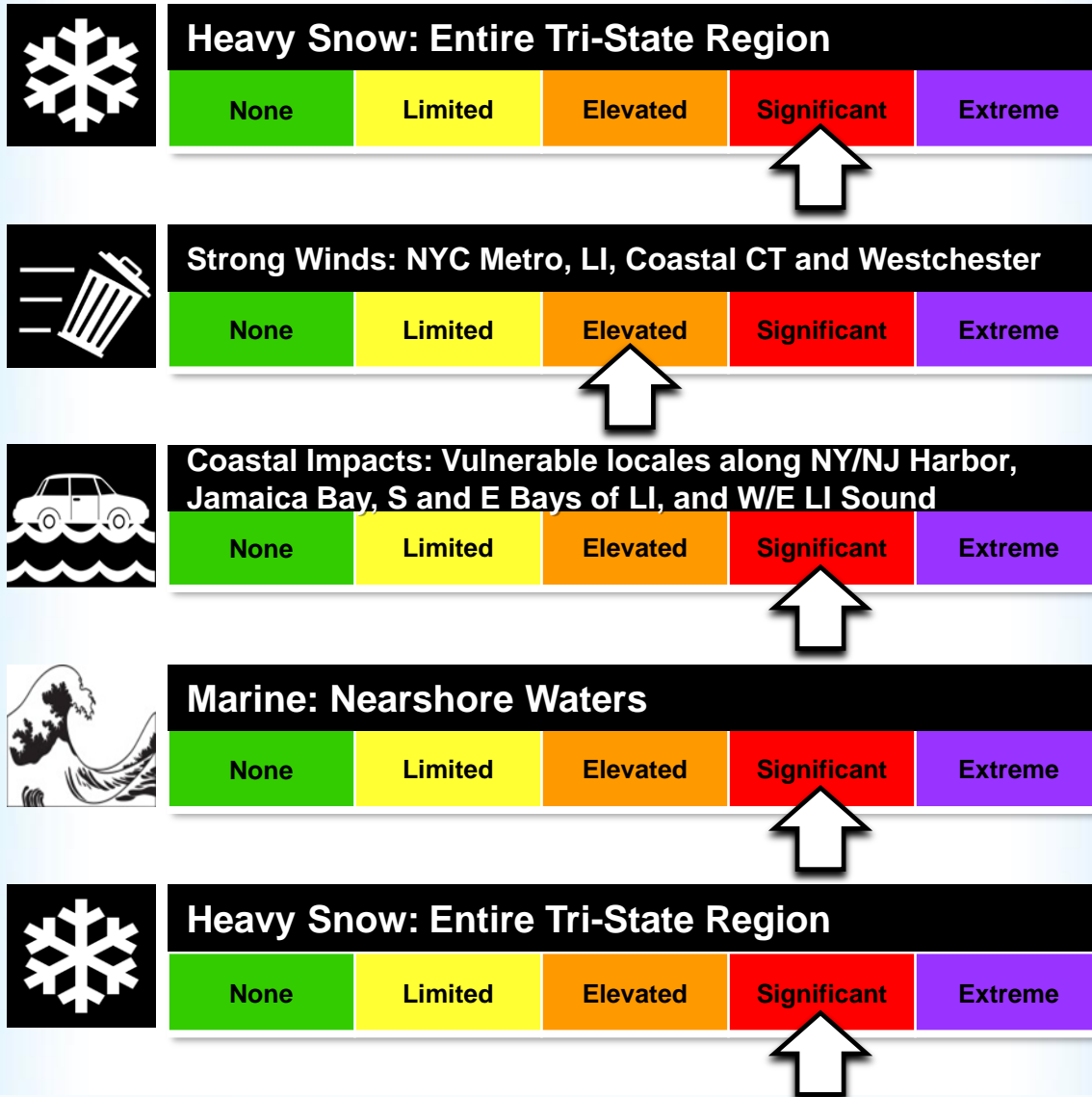
## What Has Changed?

- ✓ Winter Storm Warning now in effect for all areas except eastern Suffolk County.
- ✓ Winter Storm Watch remains in effect for eastern Suffolk County.

# Main Points

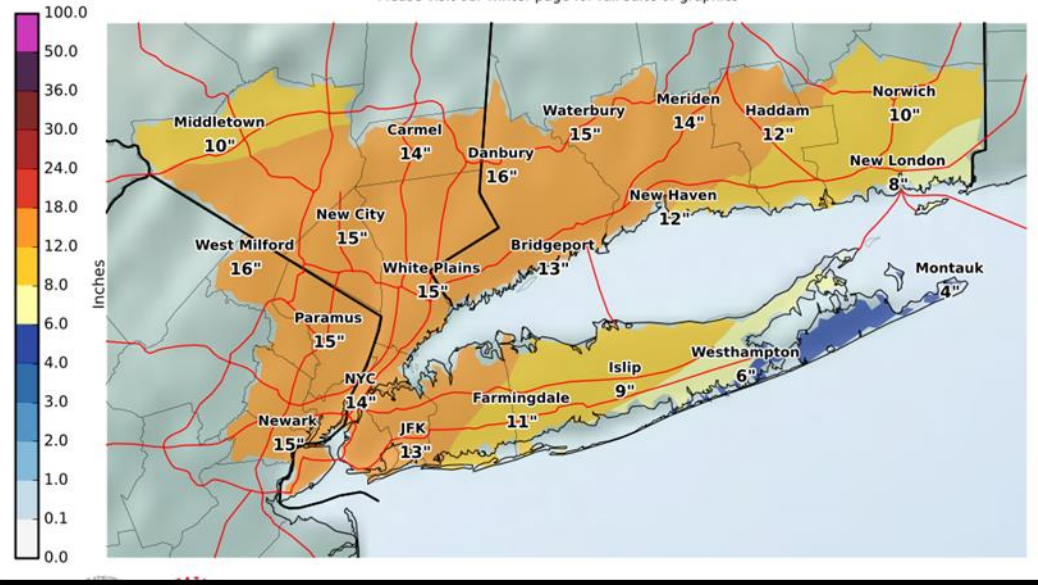
Hazard	Impacts	Location	Timing
<b>Heavy Snow</b> 	<ul style="list-style-type: none"> <li>• Snowfall of 12-15" possible for NYC, NE NJ, Lower Hudson Valley and southwestern CT.</li> <li>• 4-9" for LI and southeastern CT.</li> <li>• Snowfall rates of 1-2"/hr possible Wed afternoon and evening.</li> <li>• Visibilities of 1/4 miles or less at times.</li> </ul>	<p>Entire Tri-State Region</p>	<p>Wednesday into Wednesday night</p>
<b>Strong Winds</b> 	<ul style="list-style-type: none"> <li>• 20 to 30 MPH with gusts to 45 mph.</li> <li>• Scattered Power Outages.</li> <li>• Scattered downed trees and power lines.</li> </ul>	<p>NYC Metro, LI, Coastal CT and Westchester</p>	<p>Tonight into Wednesday night</p>
<b>Coastal Impacts</b> 	<ul style="list-style-type: none"> <li>• Minor to moderate coastal flooding.</li> <li>• Inundation of 2 to 3 ft above ground in vulnerable areas.</li> <li>• Localized dune erosion.</li> </ul>	<p>Vulnerable locales along NY/NJ Harbor, Jamaica Bay, S and E Bays of LI, and W/E LI Sound</p>	<p>During times of high tide Wednesday</p>
<b>Marine</b> 	<ul style="list-style-type: none"> <li>• Wind gusts up to 55 KT on the ocean.</li> <li>• 35 to 45 KT on all other waters.</li> <li>• Seas of 12-17 ft on the Ocean and 3-6 ft on LI Sound.</li> </ul>	<p>Nearshore Waters</p>	<p>Late tonight through Wednesday night</p>

# Summary of Greatest Impacts



# Heavy snow

**Expected Snowfall - Official NWS Forecast**  
Valid: 03/20/2018 08:00 AM - 03/22/2018 08:00 AM  
\*Please visit our winter page for full suite of graphics



## Hazards:

- ✓ Snowfall of 12-15" possible for NYC, NE NJ, Lower Hudson Valley and southwestern CT
- ✓ 4-9" for LI and southeastern CT.
- ✓ Visibilities ¼ mi or less at times

## Impacts:

- ✓ Scattered downed trees, tree limbs and powerlines.
- ✓ Difficult/Impossible travel.

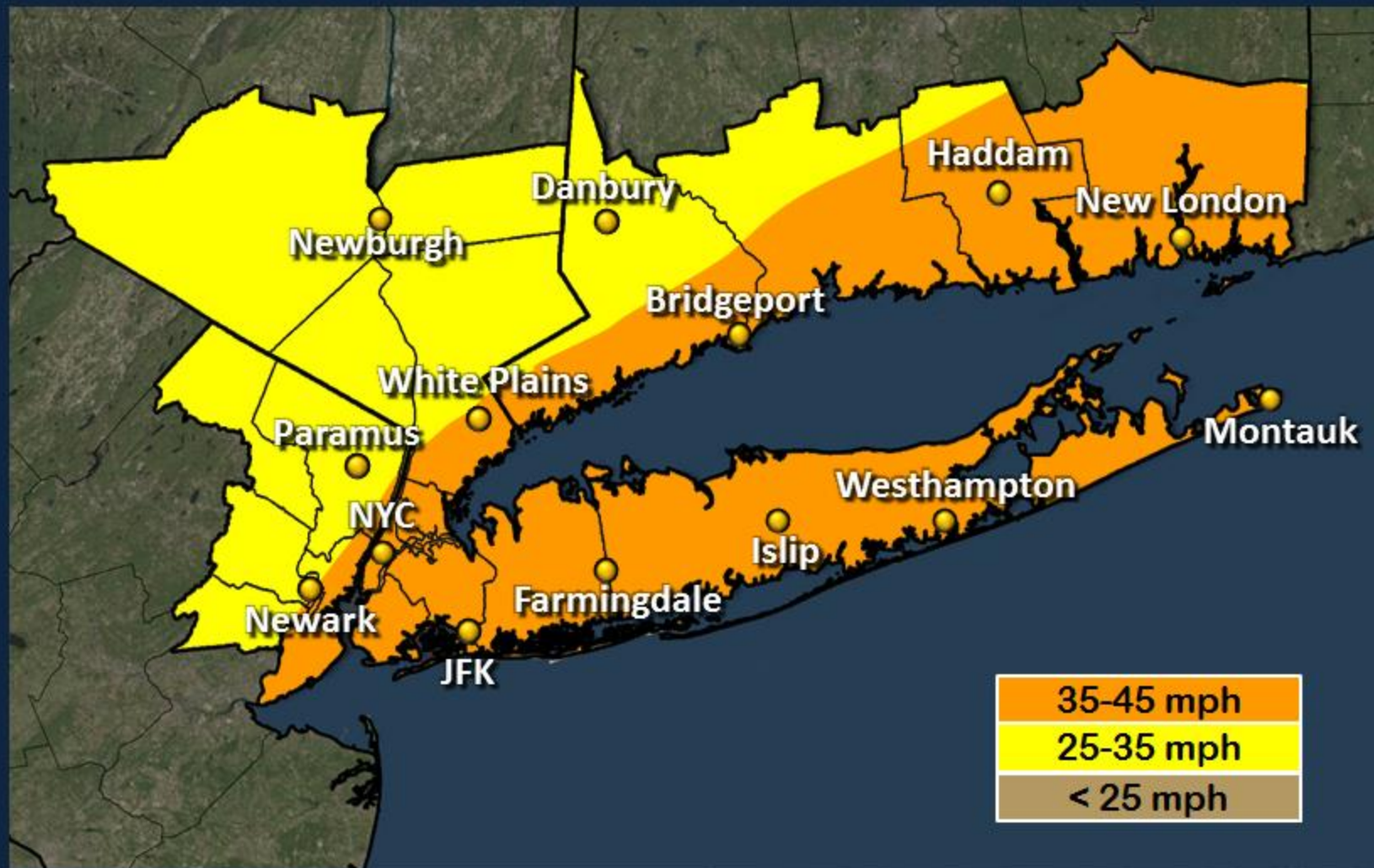
## Timing:

- ✓ Heaviest snow Wed afternoon to evening.

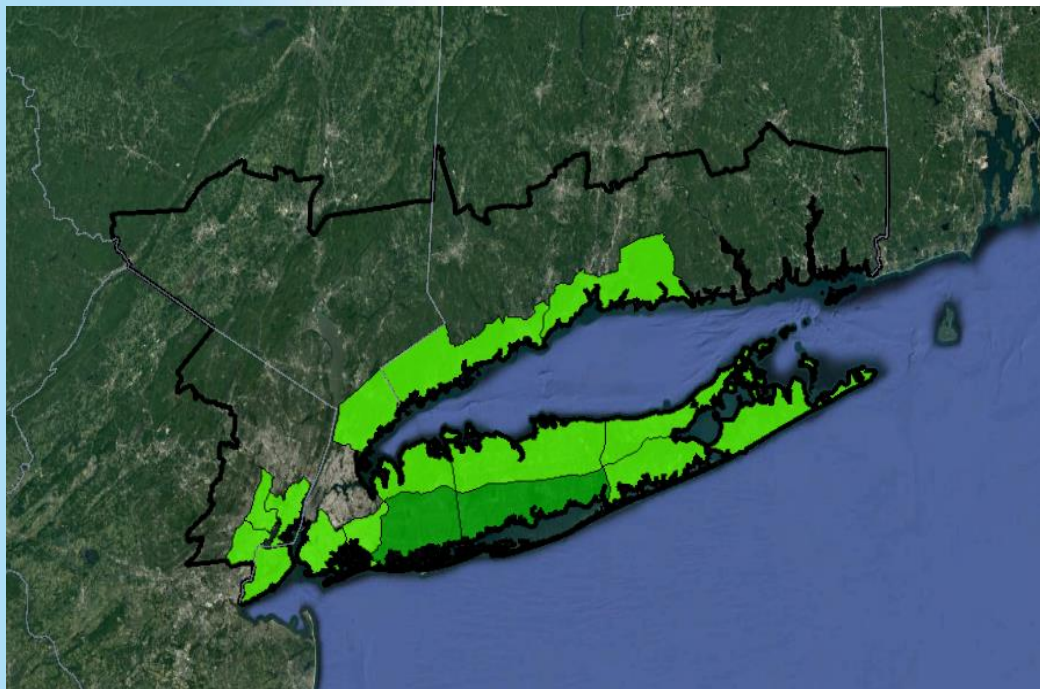


# Potential Wind Gusts

## Wednesday



# Coastal Flooding



## Coastal Flood Hazards and Impacts:

- ✓ Minor to Moderate coastal flooding.
- ✓ Inundation of 1 to 2 ft above ground in vulnerable areas.
  - ✓ 2-3 ft above ground for south shore of western Long Island.

## Shoreline Hazard and Impacts:

- ✓ Localized dune erosion.

## Timing:

- ✓ During times of high tide around mid-day Wednesday.

# Forecast Uncertainty or Scenarios

- ✓ There are still uncertainties with the exact track and strength of the storm.
  - ✓ A track farther to the north and west could result in more rain and sleet over LI and coastal CT and heavier snow totals elsewhere.
  - ✓ A track farther to the south and east could reduce accumulations from NYC on N and W and increase accumulations for LI and S CT.





# Event Summary

- ✓ 2 rounds of precipitation.
  - ✓ A light wintry mix tonight mainly impacting S portion of the Tri-State.
  - ✓ Snow likely becoming heavy Wednesday afternoon, with significant impacts to the Wednesday afternoon rush hour probable.
- ✓ Heavy, wet snow and gusty winds could cause power outages.
- ✓ Minor to moderate coastal impacts with Wednesday high tide.

